

TABLE B1: Quantification Procedures for Flexibility Mechanisms

1.0 Project/ Baseline SS	2. Parameter / Variable	3. Unit	4. Measured / Estimated	5. Contingency Method	6. Frequency	7. Justify measurement or estimation and frequency
Flexibility Mechanisms						
P7 Soil Organic Carbon Reservoir	Sequestration $\text{Soil Organic Carbon} = \text{Depth}_{\text{Soil}} * \rho_{\text{Bulk}} * \text{Concentration Change}_{\text{Carbon}} * \text{Area}_{\text{Afforested}} * \text{Conversion Factor}_{\text{C-CO}_2} * 10$					
	Sequestration $\text{Soil Organic Carbon}$	kgs of CO_2E	N/A	N/A	N/A	Quantity being calculated.
	Soil Sample Depth / $\text{Depth}_{\text{Soil}}$	m	Measured	Based on sampling technique or tool.	Annual or Upon Chosen Crediting Interval	Standard method.
	Bulk Density / ρ_{Bulk}	g/m3	Measured	Laboratory analysis of statistically relevant number of samples.	Annual or Upon Chosen Crediting Interval	Standard method of laboratory analysis.
	Concentration Change in Soil Carbon Levels	%	Measured	Laboratory analysis of statistically relevant number of samples.	Annual or Upon Chosen Crediting Interval	Standard method of laboratory analysis.
	Area of Afforestation Project / $\text{Area}_{\text{Afforested}}$	ha	Estimated	Field survey or map-based assessment.	Annual or Upon Chosen Crediting Interval	Estimation can be made with high level of accuracy.
	Conversion factor for Carbon to Carbon Dioxide / $\text{Conversion Factor}_{\text{C-CO}_2}$	-	Estimated	IPCC standard of 44/12.	Annual	Reference value.

TABLE B2: Contingent Data Collection Procedures for Flexibility Mechanisms

1.0 Project/ Baseline SS	2. Parameter / Variable	3. Unit	4. Measured / Estimated	5. Method	6. Frequency	7. Justify measurement or estimation and frequency
Flexibility Mechanisms						
P7 Soil Organic Carbon Reservoir	Sequestration $\text{Soil Organic Carbon} = \text{Depth}_{\text{Soil}} * \rho_{\text{Bulk}} * \text{Concentration Change}_{\text{Carbon}} * \text{Area}_{\text{Afforested}} * \text{Conversion Factor}_{\text{C-CO}_2} * 10$					
	Soil Sample Depth / Depth _{Soil}	m	Estimated	Select same as last measurement interval.	Annual or Upon Chosen Crediting Interval	Likely to stay constant over time.
	Bulk Density / ρ_{Bulk}	g/m ³	Estimated	Extrapolation of previous measurements over time.	Annual or Upon Chosen Crediting Interval	Applicable in cases where there is a short interval since last estimate and more than 3 previous estimates.
	Concentration Change in Soil Carbon Levels	%	Estimated	Extrapolation of previous measurements over time.	Annual or Upon Chosen Crediting Interval	Applicable in cases where there is a short interval since last estimate and more than 3 previous estimates.
	Area of Afforestation Project / Area Afforested	ha	Estimated	Aerial photographs	Annual or Upon Chosen Crediting Interval	Similar estimation technique with minor increase in uncertainty.

